



Attorney Docket No: 0918.0227C

PATENT

Box Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

22390 U.S. PTO  
10/762249



**UTILITY PATENT APPLICATION TRANSMITTAL**

Transmitted herewith for filing is a U.S. Non-Provisional Utility Patent Application  
entitled: **METHODS AND APPARATUS FOR SHAPING ANTENNA BEAM PATTERNS OF  
PHASED ARRAY ANTENNAS**

naming as inventors: John MINKOFF  
578 Jones Road  
Englewood, NJ 07631

Gene L. CANGIANI  
17 Nantes Road  
Parsippany, NJ 07054

and including:

- ☒ (14) pages of description (before the claims);
- ☒ (6) pages of claims ((34) total claims; (6) independent claims);
- ☒ One (1) Sheet of Abstract;
- ☒ (10) sheets of drawing(s) including Figures 1-10.

1. Also enclosed are:

- ☒ executed Declaration
- ☐ Application Data Sheet
- ☒ Assignment; Assignment Recordation Cover Sheet and Check No. 7409 in  
the amount of \$40 for payment of the assignment recordation fee
- ☐ Power to Prosecute
- ☐ Information Disclosure Statement
- ☐ Preliminary Amendment
- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program  
(Appendix)
- ☐ Nucleotide and/or Amino Acid Sequence Submission
  - ☐ Computer Readable Form (CRF) on 3 1/2" floppy disk
  - ☐ Specification Sequence Listing on:
    - ☐ CD-ROM or CD-R (2 copies); or
    - ☐ paper

☐ The content of the copy in computer readable form is identical to the content of the paper, CD-ROM, or CD-R copy of the Sequence Listing.

- ☒ Nonpublication Request and Certification  
☒ Check No. 7408 in the amount of \$1280.00 for the total fee as calculated below  
☒ Return receipt postcard  
☐ Other:

2. ☐ Please amend the specification by inserting before the first heading the following paragraph:

This application claims priority under 35 U.S.C. §§119 and/or 365 to \_\_\_\_\_ filed in \_\_\_\_\_ on \_\_\_\_\_, the entire content of which is hereby incorporated by reference.

A certified copy of the priority application ☐ is enclosed ☐ will follow.

3. ☐ Please amend the specification by inserting before the first heading the following paragraph:

This application claims priority under 35 U.S.C. §119(e) to U.S. Provisional Application No. \_\_\_\_\_, filed \_\_\_\_\_, the entire content of which is hereby incorporated by reference.

4. ☐ Please amend the specification by inserting before the first heading the following paragraph:

This application claims priority under 35 U.S.C. §120 to U.S. Patent Application No. \_\_\_\_\_, filed \_\_\_\_\_, the entire content of which is hereby incorporated by reference.



13281 U.S. PTO

5. The filing fee has been calculated as follows ☐ and in accordance with the enclosed preliminary amendment:

	NO. OF CLAIMS		EXTRA CLAIMS	RATE	FEE
Basic Application Fee					\$770.00
Total Claims	34	- 20 =	14	x \$18.00	\$252.00
Independent Claims	6	- 3 =	3	x \$86.00	\$258.00
If multiple dependent claims are presented, add \$290.00					
Total Application Fee					\$1280.00
<input type="checkbox"/> Applicant claims Small Entity Status (subtract 50% of Total Application Fee)					
Other fees: (specify)					
<b>TOTAL FEE DUE</b>					<b>\$1280.00</b>

- ☐ This application is being filed without a filing fee. Issuance of a Notice to File Missing Parts of Application is respectfully requested.
- ☒ A check for the total fee is attached.
- ☐ Please charge \$\_\_\_\_\_ to Deposit Account No. 05-0460 for the total fee. This paper is being submitted in duplicate.
- ☒ The Commissioner is hereby authorized to charge any additional appropriate fees under 37 C.F.R. §§1.16, 1.17, and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 05-0460.

6. Please direct all correspondence concerning this application to:

**EDELL, SHAPIRO & FINNAN, LLC**  
**1901 Research Boulevard, Suite 400**  
**Rockville, MD 20850**  
**(301) 424-3640**

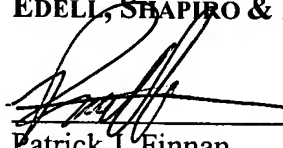
**CUSTOMER NUMBER: 27896**

Dated: 1/23/04

**EDELL, SHAPIRO & FINNAN, LLC**  
**CUSTOMER NO. 27896**  
1901 Research Boulevard, Suite 400  
Rockville, MD 20850  
(301) 424-3640

Respectfully submitted by  
**EDELL, SHAPIRO & FINNAN, LLC**

By:

  
Patrick J. Finnegan  
Reg. No. 39,189

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**REQUEST AND CERTIFICATION  
UNDER  
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor John MINKOFF, et al.

Title Methods and Apparatus for Shaping Antenna beam Patterns of  
Phased Array Antennas

Atty Docket Number 0918.0227C

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

1/23/04

Date



Signature

Patrick J. Finnan, Reg. No. 39,189

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.